



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yeshwanth Narendar, et al.

Title: METHOD FOR TREATING SEMICONDUCTOR PROCESSING
COMPONENTS AND COMPONENTS FORMED THEREBY

Application No.: 10/824,329

Filed: April 14, 2004

Examiner: Julio J. Maldonado

Group Art Unit: 2823

Atty. Docket No.: 1035-E4371

MS RCE
COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described below; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance, such as through (i) an English language abstract, (ii) an English language equivalent application, (iii) reference to discussion in the application, or (iv) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents on <u>03-14-2007</u>	
<u>Elise K. Dougherty</u> Typed or Printed Name	<u>E.K. Dougherty</u> Signature

indicates the degree of relevance found by the foreign office.

STATEMENT UNDER 37 C.F.R. § 1.704(d)

If the above-identified application is an original application filed on or after May 29, 2000:

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

FEES DUE

This Information Disclosure Statement is being filed:

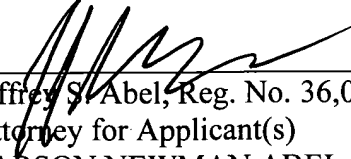
- ☒ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☐ before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.
- ☐ during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal.
- ☐ during the period specified in § 1.97(d). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. Additionally, each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.

Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account 50-2469.

Date

3/14/07

Respectfully submitted,



Jeffrey S. Abel, Reg. No. 36,079

Attorney for Applicant(s)

LARSON NEWMAN ABEL POLANSKY &
WHITE, LLP

5914 West Courtyard Drive, Suite 200

Austin, Texas 78730

(512) 439-7100 (phone)

(512) 439-7199 (fax)



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/824,329
Filing Date	April 14, 2004
First Named Inventor	Yeshwanth Narendar
Art Unit	2823
Examiner Name	Julio J. Maldonado
Attorney Docket Number	1035-E4371

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 4,889,686	12/26/1989	Singh et al.	
	B1	US- 4,944,904	07/31/1990	Singh et al.	
	C1	US- 4,981,822	01/01/1991	Singh et al.	
	D1	US- 5,021,367	06/04/1991	Singh et al.	
	E1	US- 5,043,303	08/27/1991	Singh et al.	
	F1	US- 5,238,619	08/24/1993	McGuigan et al.	
	G1	US- 5,628,938	05/13/1997	Sangeeta et al.	
	H1	US- 6,024,898	02/15/2000	Steibel et al.	
	I1	US- 6,395,203	05/28/2002	Brun	
	J1	US- 6,455,160	09/24/2002	Hiraoka et al.	
	K1	US- 6,401,941	06/11/2002	Maumus	
	L1	US- 4,900,531	02/13/1990	Levin	
	M1	US- 4,836,965	06/06/1989	Hayashi et al.	
	N1	US- 5,628,938	05/13/1997	Sangeeta et al.	
	O1	US- 4,859,385	08/22/1989	Tanaka et al.	
	P1	US- 5,509,555	04/23/1996	Chiang et al.	
	Q1	US- 6,488,497	12/03/2002	Buckley et al.	
	R1	US- 6,536,608	03/25/2003	Buckley	
	S1	US- 1,900,053	03/07/1933	Glidden	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	T1	WO 00/18702 a1	04/06/2000	Scient Research Center		
	U1	DE 19749462 C1	03/04/1999	Deutsch Zentr Luft	Abstract	
	V1	GB 2130192 A	05/31/1984	Toshiba Ceramics Co.		
	W1	JP 11209115A	08/03/1999	Toyo Tanso Co.	Abstract	
	X1	EP 1 219 578 A2	07/03/2002	Toshiba Ceramics Co.		
	Y1	JP 10-228974	08/25/1998	Tokai Konetsu Kogko	Abstract	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/824,329
Filing Date	April 14, 2004
First Named Inventor	Yeshwanth Narendar
Art Unit	2823
Examiner Name	Julio J. Maldonado
Attorney Docket Number	1035-E4371

Sheet

2

of

4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A2	US- 2,233,434	03/04/1941	Smith	
	B2	US- 3,219,182	11/23/1965	Cornwell, Jr.	
	C2	US- 4,998,879	03/12/1991	Foster et al.	
	D2	US- 5,494,524	02/27/1996	Inaba et al.	
	E2	US- 5,752,609	05/19/1998	Kato et al.	
	F2	US- 5,897,311	04/27/1999	Nishi	
	G2	US- 6,062,853	05/16/2000	Shimazu et al.	
	H2	US- 6,099,645	08/08/2000	Easley et al.	
	I2	US- 6,357,604	03/19/2002	Wingo	
	J2	US- 6,617,540	09/09/2003	Zehavi	
	K2	US- 6,776,289	08/17/2004	Nyseth	
	L2	US- 6,811,040	11/02/2004	Payne et al.	
	M2	US- 6,874,638	04/05/2005	Iijima et al.	
	N2	US- 2002/0113027	08/22/2002	Minami et al.	
	O2	US- 2002/0130061	09/19/2002	Hengst	
	P2	US- 5,834,387	11/10/1998	Divakar et al.	
	Q2	US- 5,770,324	06/23/1998	Holmes et al.	
	R2	US- 5,942,454	08/24/1999	Nakayama et al.	
	S2	US- 6,670,294	12/30/2003	Kobayashi	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ * Number ⁴ * Kind Code ⁵ (if known)				
	T2	EP 1 061 042 A1	12/20/2000	Iljin Nanotech Co., Ltd.		
	U2	GB 893 041	04/04/1962	Wacker Chemie GMBH		
	V2	GB 1 394 106	05/14/1975	Tarabanov A S		
	W2	EP 1 184 355 A1	03/06/2002	Toshiba Ceramics Co.		
	X2	JP 2002 338366 A	11/27/2002	Tokai Konetsu Kogyo Co	Abstract	
	Y2	CA 2 466 183 A1	05/15/2003	Bridgestone Corp., JP		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

3

of

4

Complete if Known

Application Number	10/824,329
Filing Date	April 14, 2004
First Named Inventor	Yeshwanth Narendar
Art Unit	2823
Examiner Name	Julio J. Maldonado
Attorney Docket Number	1035-E4371

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A3	US- 5,589,116 A	12/31/1996	Kojima et al.	
	B3	US- 5,904,892 A	05/18/1999	Holmes	
	C3	US- 6,162,543 A	12/19/2000	Dubots et al.	
	D3	US- 6,403,155 B2	06/11/2002	Dubots et al.	
	E3	US- 4,982,068	01/01/1991	Pollock et al.	
	F3	US- 3,951,587	04/20/1976	Alliegro et al.	
	G3	US- 5,194,330	03/16/1993	Vandenbulcke et al.	
	H3	US- 5,738,908	04/14/1998	Rey et al.	
	I3	US- 5,846,611	12/08/1998	Christin	
	J3	US- 6,383,298 B1	05/07/2002	Ross et al.	
	K3	US- 6,410,088 B1	06/25/2002	Robin-Brosse et al.	
	L3	US- 2004/0129203 A1	07/08/2004	Zehavi et al.	
	M3	US-			
	N3	US-			
	O3	US-			
	P3	US-			
	Q3	US-			
	R3	US-			
	S3	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	T3	EP 0582444	02/09/1994	CVD Incorporated		
	U3	JP 10-253259	09/25/1998	Tokai Konetsu Kogko	Abstract	
	V3	JP 7-328360	12/19/1995	Tokai Konetsu Kogko	Abstract	
	W3					
	X3					
	Y3					

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number		10/824,329
	Filing Date		April 14, 2004
	First Named Inventor		Yeshwanth Narendar
	Art Unit		2823
	Examiner Name		Julio J. Maldonado
	Attorney Docket Number		1035-E4371

Sheet 4 of 4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A6	Machine Translation of DE 19749462, 03-1999 (Babel Fish Translation)	
	B6		
	C6		
	D6		
	E6		
	F6		
	G6		
	H6		
	I6		
	J6		

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.